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Bioenergetics in cardiac hypertrophy: mitochondrial respiration as a pathological target of NO- <i>L. Dai, P. S. Brookes, V. M. Darley-Usmar, and P. G. Anderson</i>	H2261
Mechanisms whereby rapid RV pacing causes LV dysfunction: perfusion-contraction matching and NO- <i>L. A. Nikolaidis, T. Hentosz, A. Doverspike, R. Huerbin, C. Stolarski, Y.-T. Shen, and R. P. Shannon</i>	H2270
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Positive and negative effects of nitric oxide on Ca ²⁺ sparks: influence of β -adrenergic stimulation <i>M. T. Ziolo, H. Katoh, and D. M. Bers</i>	H2295
Nitric oxide and cGMP protein kinase activity in aged ventricular myocytes <i>Q. Zhang, B. Molino, L. Yan, T. Haim, Y. Vaks, P. M. Scholz, and H. R. Weiss</i>	H2304
Peripheral vagal control of heart rate is impaired in neuronal NOS knockout mice <i>J. K. Choate, E. J. F. Danson, J. F. Morris, and D. J. Paterson</i>	H2310
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REVIEW

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Increased inactivation of nitric oxide is involved in impaired coronary flow reserve in heart failure <i>R. Nakamura, K. Egashira, K. Arimura, Y. Machida, T. Ide, H. Tsutsui, H. Shimokawa, and A. Takeshita</i>	H2619
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ET_B receptor-deficient rats exhibit reduced contraction to ET-1 despite an increase in ET_A receptors

*M. G. Perry, M. M. Molero, A. D. Giulumian, P. V. G. Katakam,
J. S. Pollock, D. M. Pollock, and L. C. Fuchs*

H2680

Evidence for stretch-induced resistance increase of proximal coronary microcirculation

*A. J. M. Cornelissen, J. A. E. Spaan, J. Dankelman, C. C. Chan,
and F. C. P. Yin*

H2687

Biventricular systolic function in young lambs subject to chronic systemic right ventricular pressure overload

*B. P. J. Leeuwenburgh, W. A. Helbing, P. Steendijk, P. H. Schoof,
and J. Baan*

H2697

Endothelial NOS-dependent activation of c-Jun NH₂-terminal kinase by oxidized low-density lipoprotein

*Y.-M. Go, A.-L. Levonen, D. Moellering, A. Ramachandran, R. P. Patel,
H. Jo, and V. M. Darley-Usmar*

H2705

A forward model-based validation of cardiovascular system identification

R. Mukkamala and R. J. Cohen

H2714

Nutritive blood flow affects microdialysis O/I ratio for [¹⁴C]ethanol and ³H₂O in perfused rat hindlimb

J. M. B. Newman, C. A. Di Maria, S. Rattigan, and M. G. Clark

H2731

Differential effects of overexpression of two forms of ephrin-A5 on neonatal rat cardiomyocytes

*Y. Y. Li, Z. Mi, Y. Feng, C. F. McTiernan, R. Zhou, P. D. Robbins,
S. C. Watkins, and A. M. Feldman*

H2738

SPECIAL COMMUNICATIONS

Pulmonary arterial morphometry from microfocal X-ray computed tomography

*K. L. Karau, R. C. Molthen, A. Dhyani, S. T. Haworth, C. C. Hanger,
D. L. Roerig, R. H. Johnson, and C. A. Dawson*

H2747

Respiratory alkalosis does not alter NOx concentrations in human plasma and erythrocytes

*T. Ishibashi, K. Kubota, M. Himeno, T. Matsubara, T. Hori, K. Ozaki,
M. Yamazoe, Y. Aizawa, J. Yoshida, and M. Nishio*

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